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**eyelite**  
**NET**

## THE SOLUTION FOR REMOTE REPORTING OF MEDICAL IMAGES

**EYE LiteNET** by **G-Squared** is a system for remote access to DICOM images from diagnostic test production centers.

The system consists of a **medical images storage server** (which uses **open source dmc4chee PACS**), installed at the facility that want to distribute the images outwardly and the **EYE Lite viewer** or the **EYE Rad** radiological reporting software installed on the clients.

**EYE Lite** and **EYE Rad** images access capabilities allow these programs to be used for remote viewing of radiologic images using standard medical protocols (**WADO**) even with a standard laptop and an Internet access.

### PRODUCT CHARACTERISTICS

#### Viewer

Allows viewing and managing exams from all DICOM modality. Its main features are quick access to images and data, ease of use, and flexibility. (For full functionality see the **EYE Lite** product card)

#### Local Server

- WADO reception from configured server
- Local archiving of received exams

#### Recommended Client Configuration

- Pentium Core Duo or greater properly configured (at least 2 GB RAM)
- O.S. Windows 7
- Appropriate monitor resolution

#### Trasmission and data security

- access to images stored on the server is through a router connected to the external network (ADSL with fixed IP);
- the client connects to the router by accessing to an authentication system and, for data transfer, there is an information encryption system to ensure secure access and sending of images.

#### System flow

The standard workflow for remote consulting system is the following:

- the images are sent from diagnostics, if possible in automatic forward, to the storage server installed within the structure where they are produced;
- the client interrogates the archiving server by connecting to the router using a normal ADSL or a wireless connection(dynamic IP);
- the client uploads the images selected by the server; the client displays the received images by locally creating a small cache so as to avoid requesting the download of images already saved in the cache of the pc.



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## GENERAL SCHEME OF SYSTEM **EYE**LITENET

